

List of All Chemicals

P Lentinus edodes

Common name(s)

Shiitake

How used

Medicinal

*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Chemical	Plant Part	Low PPM	High PPM	StdDev	*Reference
1-(METHYL-THIO)-DIMETHYL-DISULFIDE	Fruit	--	--		*
1-2-3-5-6-8-HEXATHIONANE	Fruit	--	--		*
1-2-3-5-TETRATHIANE	Fruit	--	--		*
1-2-4-5-7-PENTATHIOCANE	Fruit	--	--		*
1-2-4-5-TETRATHIANE	Fruit	--	--		*
1-2-4-6-TETRATHIEPANE	Fruit	--	--		*
1-2-4-7-9-10-HEXATHIADODECANE	Fruit	--	--		*
1-2-4-TRITHIOLANE	Fruit	--	--		*
1-3-5-TRITHIANE	Fruit	--	--		*
1-3-DITHETANE	Fruit	--	--		*
2-3-5-6-TETRATHIAHEPTANE	Fruit	--	--		*
5'-CYCLIC-AMP	Fruit	400.0	690.0		*
ALANINE	Fruit	--	--		*
Activities (3)					
Antioxidant	Larson, R.A. 1987. Review Article Number 30. The Antioxidants of Higher Plants. Phytochemistry, 27: 969-978.				
Cancer-Preventive	Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp.				
Oxidant	Larson, R.A. 1987. Review Article Number 30. The Antioxidants of Higher Plants. Phytochemistry, 27: 969-978.				
ALLOISOLEUCINE	Fruit	--	--		*
ALPHA-AMINO-BUTYRIC-ACID	Fruit	--	--		*
AMINO-ACIDS	Fruit	--	--		*
ARGININE	Fruit	--	--		*
Activities (14)					
Antidiabetic?	Wichtl, M. 1984. Teedrogen. Ein Handbuch fur Apotheker und Arzte. Wissenschaftliche Verlagsgesellschaft mbH Stuttgart. 393 pp.				
Antinecephalopathic	Martindale's 29th				
Antihepatitic	Martindale's 29th				
Antihypertensive					
Antiimpotence					
Antiinfertility 4 g/day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.				
Antioxidant?					
Aphrodisiac 3 g/day					
Diuretic					
Hypoammonemic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.				
NO-Genic					
Pituitary-Stimulant					
Spermigenic 4 g/day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.				
Vasodilator					
ASPARTIC-ACID	Fruit	--	--		*

Antimorphinic	Martindale's 28th			
Neuroexcitant	Martindale's 28th			
Roborant	Merck 11th Edition			
BIS-((METHYL-SULONYL)-METHYL)-DISULFIDE	Fruit	--	53.6	*
CARBON-DISULFIDE	Fruit	--	--	*
CARDIOLIPIN	Fruit	--	--	*
CEREBROSIDE-IX	Fruit	--	--	*
CEREBROSIDE-LEN-I	Fruit	--	--	*
CEREBROSIDE-LEN-II	Fruit	--	--	*
CEREBROSIDE-LEN-III	Fruit	--	--	*
CEREBROSIDE-LEN-IV	Fruit	--	--	*
CEREBROSIDE-V	Fruit	--	--	*
CEREBROSIDE-VI	Fruit	--	--	*
CEREBROSIDE-VII	Fruit	--	--	*
CEREBROSIDE-VIII	Fruit	--	--	*
CEREBROSIDE-X	Fruit	--	--	*
CYSTATHIONINE	Fruit	--	--	*
CYSTINE	Fruit	--	--	*
Activities (2)				
Adjuvant	Merck 11th Edition			
Antihomocystinuric	Martindale's 29th			
DEOXYERITADENINE	Fruit	85.0	136.0	*
DIHYDROZEATIN	Tissue Culture	--	--	*
Activities (1)				
Phytohormonal	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.			
DIMETHYL-DISULFIDE	Fruit	--	--	*
Activities (2)				
Antithyroid	Pakistan Encyclopedia Planta Medica. 1986.			
Perfumery Fragrance	Zebovitz, T. C. Ed. 1989. Part VII. Flavor and Fragrance Substances, in Keith L. H. and Walters, D.B., eds. Compendium of Safety Data Sheets for Research and Industrial Chemicals. VCH Publishers, New York. 3560-4253.			
DIMETHYL-TRISULFIDE	Fruit	--	--	*
DIMETHYLTETRASULFIDE	Fruit	--	--	*
DITHIOMETHANE	Fruit	--	--	*
EMITANIN-1A	Tissue Culture	--	--	*
EMITANIN-B	Tissue Culture	--	--	*
ERITADENINE	Fruit	500.0	930.0	*
GAMMA-AMINOBUTYRIC-ACID	Fruit	--	--	*
Activities (22)				
Analeptic				
Anticephalagic				
Anticerebrotic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.			
Antichoreic 1-32 g/man/day	Martindale's 29th			
Anticonvulsant 4,120 mg/kg ipr mus	Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.			
Antihypertensive 1,000-4,000 mg/man/day				
Antiinsomnic				
Antilethargic				
Antistress				

Anxiolytic	
CNS-Inhibitor 0.1 mg/kg ivn cat	Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. <i>Drug Dosage in Laboratory Animals: A Handbook</i> . (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.
CNS-Inhibitor 100 mg/kg ivn dog	Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. <i>Drug Dosage in Laboratory Animals: A Handbook</i> . (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.
CNS-Inhibitor 2,500 mg/kg scu mus	Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. <i>Drug Dosage in Laboratory Animals: A Handbook</i> . (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.
Cardiovascular 208 ivn dog	Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. <i>Drug Dosage in Laboratory Animals: A Handbook</i> . (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.
Diuretic 1,500-4,000 mg/man/day	
Hypotensive 1,000-4,000 mg/day	
Neuroinhibitor	
Neurotoxic to birds	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants</i> . Taylor & Frost, London. 791 pp.
Neurotransmitter	
Sedative	
Tranquilizer	Werbach, M. 1993. <i>Healing with Food</i> . Harper Collins, New York, 443 pp.

GAMMA-GLUTAMYL-GLUTAMIC-ACID	Fruit	--	--	*
GAMMA-GLUTAMYL-NICOTIANINE	Fruit	--	--	*
GAMMA-GLUTAMYL-TRANSFERASE	Fruit	--	--	*
GLUCAN	Fruit	--	--	*
GLUTAMIC-ACID	Fruit	--	--	*

Activities (8)

Antialkali? 500-1,000 mg/day/orl/man	Martindale's 29th
Antiepileptic	
Antihyperammonemic	Martindale's 29th
Antilithic	Pizzorno, J.E. and Murray, M.T. 1985. <i>A Textbook of Natural Medicine</i> . John Bastyr College Publications, Seattle, Washington (Looseleaf).
Antiprostatic 125-250 mg 3 x/day	Werbach, M. 1993. <i>Healing with Food</i> . Harper Collins, New York, 443 pp.
Antiretardation	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants</i> . Taylor & Frost, London. 791 pp.
Anxiolytic	Merck 11th Edition
Neurotoxic	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants</i> . Taylor & Frost, London. 791 pp.

GLYCINE

Fruit -- -- *

Activities (12)

Antacid	Martindale's 29th
Antialdosteronic	Pizzorno, J.E. and Murray, M.T. 1985. <i>A Textbook of Natural Medicine</i> . John Bastyr College Publications, Seattle, Washington (Looseleaf).
Antidote (Hypoglycin-A)	Martindale's 29th
Antiencephalopathic	Martindale's 29th
Antigastritic	Martindale's 29th
Antiprostatic 125-250 mg 3 x/day	Werbach, M. 1993. <i>Healing with Food</i> . Harper Collins, New York, 443 pp.
Antipruritic	Merck 11th Edition
Antisickling	Ekeke, G.I. and Shode, F.O. 1988. Phenylalanine is the Predominant Antisickling Agent in <i>Cajanus cajan</i> Seed Extract. <i>Planta Medica</i> 56(1): 41, 1990.
Antiulcer	Martindale's 29th
Cancer-Preventive	Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp.
Neuroinhibitor	Werbach, M. 1993. <i>Healing with Food</i> . Harper Collins, New York, 443 pp.
Uricosuric	

HISTIDINE

Fruit -- -- *

Activities (7)

Antiarteriosclerotic	
Antinephritic	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants</i> . Taylor & Frost, London. 791 pp.
Antioxidant	
Antiulcer	
Antiuremic	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants</i> . Taylor & Frost, London. 791 pp.
Essential	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants</i> . Taylor & Frost, London. 791 pp.
Oxidant	

ISOLEUCINE

Fruit -- -- *

Activities (1)

Antinecephalopathic	Martindale's 29th			
Antipellagric	Martindale's 28th			
Essential	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants.</i> Taylor & Frost, London. 791 pp.			
ISOPENTENYL-ADENINE		Tissue Culture	--	--
ISOPENTENYL-ADENOSINE		Tissue Culture	--	--
LENTHIONINE		Fruit	--	--
LENTINIC-ACID		Fruit	--	--
LENTINUS-ANTIBIOTIC-KS-2-A		Mycelium	--	--
LENTINUS-EDODES-ALPHA-GLUCAN		Fruit	--	--
LENTINUS-EDODES-ANTITUMOR-SUBSTANCE		Fruit	--	--
LENTINUS-EDODES-BAGASSE-POLYSACCHARIDE-ANTIBIOTIC-C-1-2		Mycelium	--	--
LENTINUS-EDODES-BETA-GLUCAN		Fruit	--	--
LENTINUS-EDODES-GLYCOPROTEIN		Fruit	--	--
LENTINUS-EDODES-POLYSACCHARIDE		Mycelium	--	--
LENTINUS-EDODES-VIRUS-PARTICLE		Plant	--	--
LENTINUS-EDODES-VIRUS-PARTICLE-F		Plant	--	--
LENTINUS-FRUUITING-BODY-PROTEIN(FBP)		Fruit	--	1.0
LENTINUS-LIGNIN-EP3		Mycelium	--	--
LENTINUS-POLYSACCHARIDE-E		Mycelium	--	--
LEUCINE		Fruit	--	--

Activities (2)

Antinecephalopathic	Martindale's 29th			
Essential	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants.</i> Taylor & Frost, London. 791 pp.			

LINOLEIC-ACID

Fruit -- -- *

Activities (27)

5-Alpha-Reductase-Inhibitor	
AntiMS	Economic & Medicinal Plant Research, 6: 189.
Antiacne	
Antialopelcic	
Antianaphylactic	Economic & Medicinal Plant Research, 6: 189.
Antiandrogenic	
Antiarteriosclerotic	
Antiarthritic	Economic & Medicinal Plant Research, 6: 189.
Anticorony	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants.</i> Taylor & Frost, London. 791 pp.
Antieczemic	Economic & Medicinal Plant Research, 6: 189.
Antifibrinolytic	Economic & Medicinal Plant Research, 1: 53.
Antigranular	
Antihistaminic	Economic & Medicinal Plant Research, 6: 189.
Antiinflammatory IC50=31 uM	
Antileukotriene-D4 IC50=31 uM	
Antimenorrhagic	Pizzorno, J.E. and Murray, M.T. 1985. <i>A Textbook of Natural Medicine.</i> John Bastyr College Publications, Seattle, Washington (Looseleaf).
Antiprostatic	Pizzorno, J.E. and Murray, M.T. 1985. <i>A Textbook of Natural Medicine.</i> John Bastyr College Publications, Seattle, Washington (Looseleaf).
Cancer-Preventive	Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp.
Carcinogenic	Science News, 146: 421.
Comedolytic	
Hepatoprotective	
Hypocholesterolemic	Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. <i>CRC Handbook of Lipids in Human Nutrition.</i> CRC Press. Boca Raton, FL. 233 pp.)
Immunomodulator	Economic & Medicinal Plant Research, 6: 189.
Insectifuge	Jacobson, M., <i>Glossary of Plant-Derived Insect Deterrents,</i> CRC Press, Inc., Boca Raton, FL, 213 p, 1990.
Metastatic	Science News, 146: 421.
Nematicide	Nigg, H.N. and Seigler, D.S., eds. 1992. <i>Phytochemical Resources for Medicine and Agriculture.</i> Plenum Press, New York. 445 pp.

LYSINE

Fruit

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Activities (4)

Antialkalotic	Martindale's 29th
Antiherpetic 0.5-3 g/day	
Essential	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Hypoarginanemic 250 mg/kg	Martindale's 29th

METHANETHIOL

Fruit

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METHIONINE

Fruit

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Activities (15)

Anticataract	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).
Antidote (Acetaminophen) 10 g/16hr/man/orl	Martindale's 29th
Antidote (Paracetamol) 10 g/16hr/man/orl	Martindale's 29th
Antieczemic	
Antihepatitic	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Antioxidant	
Antiparkinsonian 1-5 g/day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.
Cancer-Preventive	Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp.
Emetic	Martindale's 29th
Essential	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Glutathionigenic	Martindale's 29th
Hepatoprotective	
Lipotropic	Merck 11th Edition
Urine-Acidifier 200 mg/3x/day/man/orl	Martindale's 28th
Urine-Deodorant	Martindale's 29th

METHYLHYDRODISULFIDE

Fruit

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N-N'-BIS-GAMMA-GLUTAMYL-CYSTINE

Fruit

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NICOTIANINE

Fruit

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OCT-1-EN-3-OL

Fruit

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OCT-2-EN-1-OL

Fruit

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OCTAN-1-OL

Fruit

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OCTAN-3-ONE

Fruit

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OLEIC-ACID

Fruit

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Activities (18)

5-Alpha-Reductase-Inhibitor	
Allergenic	
Alpha-Reductase-Inhibitor	
Anemiagenic	
Antialopetic	
Antiandrogenic	
Antiinflammatory IC50=21 uM	
Antileukotriene-D4 IC50=21 uM	
Cancer-Preventive	Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp.
Choleretic 5 ml/man	
Dermatitogenic	
FLavor FEMA 1-30	Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry
Hypocholesterolemic	Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. CRC Handbook of Lipids in Human Nutrition. CRC Press. Boca Raton, FL. 233 pp.)
Insectifuge	Jacobson, M., Glossary of Plant-Derived Insect Deterrents, CRC Press, Inc., Boca Raton, FL, 213 p, 1990.
Irritant	Merck 11th Edition
Percutaneostimulant	Seki, T., Toeda, C., Kawaguchi, T., Juni, K., Sugabayashi, K., and Morimoto, Y. 1990. Enhanced Transdermal Delivery of Zidovudine in Rats and Human Skin. Chem. Pharm. Bull. 38(11): 3086-3089, 1990.
Perfumery	Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry

ORNITHINE	Fruit	--	--	*
Activities (5)				
Anticholesteremic	Merck 11th Edition			
Antidote (Ammonia)	Martindale's 29th			
Antiecephalopathic	Martindale's 29th			
Hypoammonemic	Martindale's 29th			
Hypoarginanemic	Martindale's 29th			
PALMITIC-ACID	Fruit	--	--	*
Activities (13)				
5-Alpha-Reductase-Inhibitor				
Antialopanic				
Antiandrogenic				
Antifibrinolytic	Economic & Medicinal Plant Research, 1: 53.			
Antioxidant IC40=60				
FLavor FEMA 1	Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry			
Hemolytic	Bisset, N.G., ed. 1994. <i>Herbal Drugs and Phytopharmaceuticals</i> . CRC Press. Boca Raton, FL. 566 pp.			
Hypercholesterolemic	Spiller, G. A. 1996 (Spiller, G. A. Ed. 1996. <i>CRC Handbook of Lipids in Human Nutrition</i> . CRC Press. Boca Raton, FL. 233 pp.)			
Lubricant	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants</i> . Taylor & Frost, London. 791 pp.			
Nematicide	Nigg, H.N. and Seigler, D.S., eds. 1992. <i>Phytochemical Resources for Medicine and Agriculture</i> . Plenum Press, New York. 445 pp.			
Pesticide				
Propecic				
Soap	Jeffery B. Harborne and H. Baxter, eds. 1983. <i>Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants</i> . Taylor & Frost, London. 791 pp.			
PHENYLALANINE	Fruit	--	--	*
Activities (7)				
AntiADD 587 mg/day/orl	Martindale's 29th			
Antidepressant 50-4,000 mg/day/man				
Antiparkinsonian 200-500 mg/day/man	Martindale's 28th			
Antisickling 690 ug/ml				
Antivitiligo 100 mg/kg/day/orl/man	Martindale's 29th			
Monoamine-Precursor	Pizzorno, J.E. and Murray, M.T. 1985. <i>A Textbook of Natural Medicine</i> . John Bastyr College Publications, Seattle, Washington (Looseleaf).			
Tremorigenic 1,600-12,600 mg/man/day	Martindale's 28th			
PHOSPHATIDYL-CHOLINE	Fruit	--	--	*
Activities (2)				
Antialzheimeran 10-25 g/day/orl				
Antimanic 15-30 g/man/day/orl	Pizzorno, J.E. and Murray, M.T. 1985. <i>A Textbook of Natural Medicine</i> . John Bastyr College Publications, Seattle, Washington (Looseleaf).			
PHOSPHATIDYL-ETHANOLAMINE	Fruit	--	--	*
PROLINE	Fruit	--	--	*
SACCHAROPINE	Fruit	--	44.0	*
SACCHAROPINE-LACTAM	Fruit	--	--	*
SERINE	Fruit	--	--	*
Activities (1)				
Cancer-Preventive	Stitt, P. A. <i>Why George Should Eat Broccoli</i> . Dougherty Co, Milwaukee, WI, 1990, 399 pp.			
TAURINE	Fruit	--	--	*
Activities (6)				
Anticorneitic				
Antihemolytic				
Antioxidant				
Cancer-Preventive	Stitt, P. A. <i>Why George Should Eat Broccoli</i> . Dougherty Co, Milwaukee, WI, 1990, 399 pp.			
Cardiac	Martindale's 29th			
Hypocholesterolemic	Martindale's 29th			

TETRATHIANE	Fruit	--	--	*
THIAZOLIDINE-4-CARBOXYLIC-ACID	Fruit	--	--	*
THREONINE	Fruit	--	--	*
Activities (4)				
Antioxidant?				
Antiulcer	Martindale's 29th			
Essential	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.			
FLavor FEMA 1,000	Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry			
TRYPTOPHAN	Fruit	--	--	*
Activities (29)				
Analgesic 750 mg/4x/day/orl/man	Martindale's 29th			
Antianxiety 500-1,000 mg/meal	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.			
Antidementia 3 g/day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.			
Antidepressant 1-3 g/3x/day/orl/man	Martindale's 29th			
Antidyskinetic 2-8 g/orl/wmn/day	Martindale's 29th			
Antihypertensive	J. Agri. & Food Chemistry, 36: 1079.			
Antiinsomniac 1-3 g/day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.			
Antimanic 12 g/man/day/orl	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).			
Antimenopausal 6 g/day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.			
Antimigraine 500 mg/man/4x/day	Martindale's 29th			
Antioxidant 125 ug/ml				
Antiparkinsonian 2 g 3 x/day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.			
Antiphenylketonuric	Martindale's 29th			
Antiprostaglandin 250 pg/ml				
Antipsychotic 12 g/man/day	Martindale's 29th			
Antirheumatic	Martindale's 29th			
Antiscoliotic				
Carcinogenic	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses			
Essential	Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.			
Hypnotic	Martindale's 29th			
Hypoglycemic	Economic & Medicinal Plant Research, 6: 157.			
Hypotensive 3 g/day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.			
Insulinase-Inhibitor	Economic & Medicinal Plant Research, 6: 157.			
Insulinotonic	J. Agri. & Food Chemistry, 36: 1079.			
Monoamine-Precursor	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).			
Prolactinogenic	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).			
Sedative 3-10 g/man/day				
Serotonergic 6-12 g/day/orl/man	Martindale's 28th			
Tumor-Promoter	J. Agri. & Food Chemistry, 36: 1079.			
TYROSINE	Fruit	--	--	*
Activities (8)				
Antidepressant?				
Antinecephalopathic	Martindale's 29th			
Antiparkinsonian 100 mg/kg/day	Werbach, M. 1993. Healing with Food. Harper Collins, New York, 443 pp.			
Antiphenylketonuric	Martindale's 29th			
Antiulcer 256 mg scu	Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.			
Antiulcer 400 mg/kg ipr rat	Borchard, R. E., Barnes, C. D., and Eltherton, L. G. 1991. Drug Dosage in Laboratory Animals: A Handbook. (3rd Ed.) The Telford Press, Inc., P. O. Box 287, Caldwell NJ 07006.			
Cancer-Preventive	Stitt, P. A. Why George Should Eat Broccoli. Dougherty Co, Milwaukee, WI, 1990, 399 pp.			
Monoamine-Precursor	Pizzorno, J.E. and Murray, M.T. 1985. A Textbook of Natural Medicine. John Bastyr College Publications, Seattle, Washington (Looseleaf).			
VALINE	Fruit	--	--	*
Activities (3)				
Antinecephalopathic	Martindale's 29th			
Essential				
FLavor FEMA 1,000-2,000	Aloe Research Council - Duke writeup of non-peer reviewd book by Coats and draft by Henry			

ZEATIN

Tissue Culture -- -- *

Activities (2)

Mitotic Wagner & Wolff, eds. 1977. New Natural Products (RS164. I56. 176)

Phytohormonal Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.

ZEATIN

Mycelium -- -- *

Activities (2)

Mitotic Wagner & Wolff, eds. 1977. New Natural Products (RS164. I56. 176)

Phytohormonal Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.

ZEATIN-RIBOSIDE

Tissue Culture -- -- *